

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: BRUCE3900@delphi.com
Subject: [4726] "Four Days in May" (c) -- at last -- the CALL FOR PAPERS
Message-ID: <01HWU4FLZ85A9APDOS@delphi.com>

Call for Papers
(rev 3)
October 24, 1995

Technical seminars will be the largest part of "Four Days in May (c)". The seminars will consist of technical papers, written by QRPers for QRPers.

Papers will be both invited and submitted -- the only criteria for acceptance of a submitted paper is that the topic be of interest to QRPers and the author be able to deliver camera ready copy in time for publication prior to the event.

The following is a guide to topics for submitted papers:

Antennas -- Papers must describe practical, working antennas. There is wide-spread interest among QRPers antennas suitable for camping and backpacking, and hidden antennas suitable for use from apartments and condominiums. Of course antenna designs that offer above average performance at QRP power levels are always in demand.

Equipment Construction -- QRPers are avid builders. The skill level ranges from absolute beginners to highly skilled. Papers at almost any level are acceptable; however, special attention will be given to papers covering "selection of a first project" and "testing, and troubleshooting finished projects". Product reviews will not be accepted unless they compare between two or more units of the same general performance specification. No papers written by manufacturers will be accepted.

Operating Activities -- QRPers are, of course, enthusiastic operators. Papers describing operation away from the home QTH -- whether a camping trip, a DXpedition, or just an afternoon at the local park are welcome. Papers describing operating techniques that enhance the chances of winning awards such as DXCC and WAS using QRP power levels are also welcome.

All accepted papers will be reprinted and distributed to conference attendees at registration. A bound volume of "proceedings" is under consideration.

Authors who wish to have a paper considered for inclusion in the "Four Days in May (c)" technical sessions should submit a summary of their proposed paper to the technical coordinator no later than January 30,

1996. The summary should not exceed one double-spaced typewritten page. All summaries must be submitted by US Mail. Email submissions will not be accepted. Selection will be made not later than February 1, 1996.

Authors should plan their papers on a presentation period of 20 to 25 minutes with a 5 to 10 minute question and answer period following each paper. Authors will be responsible for providing their own slides or vue-graphs for illustration. Final, camera ready copy will be due not later than March 15, 1996.

Please send summaries to:
Bruce Muscolino
PO Box 9333
Silver Spring, MD 20916-9333

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [4720] 72 ohm coax.
Message-ID: <95102419502868@sescva.esc.edu>

I have become the proud owner of 100 feet of 72 ohm coax. I has four (4) shields and it is used by the cable TV company for the drop to the house. My friend says it is rated upto 1 gig. Needing new coax for my 3 element yagi, I would sure like to use this stuff since it is free. It also sounds like it is extremely low-loss.

The same chap who gave it to me ran 400 feet of it to a yagi and made measurements on 10 meters and found virtually no loss of power.

My question is, would I be better off using a transformer between the ant and the coax and another transformer (72 ohm-50 ohm) between the coax and the tuner or will I be ok just hooking it up as if it were 50 ohms.

The stuff is as thick as RG213 or RG8. It also has a wire imbedded in the insulation to take the strain off the coax when suspended between two points. Does anyone have a practical application for this?

I have enough of this stuff for my VHF antenna as well. Think I need a transformer in that application?

REgards

Peter N2KPY

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: rxd7@rabbit.INS.CWRU.Edu

Subject: [4707] Address?or tel# of Nor-Cal
Message-ID: <199510241934.PAA16632@hunny.INS.CWRU.Edu>

I would appreciate the telephone number and address of the company that make the Cascade. I understand that this is Nor-Cal.

Dick, WD8ISB

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: rxd7@rabbit.INS.CWRU.Edu
Subject: [4712] Address?or tel# of Nor-Cal
Message-ID: <199510242040.QAA19915@hunny.INS.CWRU.Edu>

I would appreciate the telephone number and address of the company that make the Cascade. I understand that this is Nor-Cal.

Dick, WD8ISB

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: rxd7@rabbit.INS.CWRU.Edu
Subject: [4713] Address?or tel# of Nor-Cal
Message-ID: <199510242042.QAA20030@hunny.INS.CWRU.Edu>

I would appreciate the telephone number and address of the company that make the Cascade. I understand that this is Nor-Cal.

Dick, WD8ISB

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [4718] argo 509
Message-ID: <95102419420229@sescva.esc.edu>

Saw an Argo 509 with the matching linear amp and the matching power supply and the matching crystal calibrator for \$450. Very clean!!
I am embarassed to say, the rig just sat there all day. I know the guy who

owns it and if anyone is interested, I will pass along the info. (I would have bought it but I already have one and my xyl (N2SXY) was with me and doesn't understand the importance of a backup rig to the backup rig.

By the way, I didn't hear the fox last nite. In fact I heard very little from my shack on Long Island.

Anyone planning on working this weeks contest QRP?

Regards,
Peter N2KPY

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: BRUCE3900@delphi.com
Subject: [4727] Call for Papers -- clarification
Message-ID: <01HWU4H4R3R89APDOS@delphi.com>

Guys,
Before I burn up a perfectly good NOMEX fire suit. The reason I am not accepting email submissions is they have a distressing way of getting lost in my messy email file system. I will, however, respond to questions via email. Thanks and 73,
Bruce -- W6TOY/3
QRP, Really! (c)

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: bruce@trappist.net.com (Bruce Florip)
Subject: [4698] Cascade AA7AR/6 Mobile!
Message-ID: <9510241717.AA12029@trappist.net.com>

QRP-1 group,
Hello from Sunny California.

I'm not currently monitoring the list, but wanted the fellow Cascade builders to know that mine works really well on 75 in the evenings at home on the dipole. Reports all seem to have a different adjective for how superb, crisp, and readable the audio is. Maybe these things are "son of S-line". Those are the same kind of reports the Old Collins S-line gets on the air.

This morning I put the mag-mounted Hustler whip on the trunk for my 20 minute commute from San Jose to Redwood City. I worked

W6LVI in Oakland, and W3TTL in Pittsburg. Not bad for 4 Watts mobile to a short vertical...

The case is all painted (black Hammerite), and the front and rear panels are white (laquer primer) with Datak rub-on lettering sealed with Varathane.

Cascade Complete and Functional! Really a fun project.

Best wishes to the rest of the builders,
Bruce Florip
AA7AR/6
Santa Clara, Ca. NorCal #11

P.S. Really enjoyed meeting John L, Doug and Jim at Pacificon in Concord Ca. on the Weekend. What a great group effort for a really fun radio!

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: bfinch@asp.vet.purdue.edu (Robert Finch)
Subject: [4711] cascade errata
Message-ID: <9510242112.AA20898@asp.vet.purdue.edu>

my annotated manual is coming along nicely...when i am finished with the building...then i'll upload a copy (or version) of the errata i have assembled.. soon i hope.....real soon (I'm on page 24)...
baab,n6cxb

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [4691] Cascade marking
Message-ID: <199510241546.JAA24460@lynx.csn.net>

Has anyone found a way to make a dull, pencil write/erase place on a panel? Sort of like the signature place on the back of a credit card or the place on the Cascade band module.

72, Bob KI0G
END

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: burdick@interval.com (Wayne Burdick)
Subject: [4700] Correct Wilderness Radio address
Message-ID: <v02130508acb2efeee223@[199.170.106.28]>

Someone apparently posted a "Los Angeles" address for Wilderness Radio either to a mail or newsgroup. Not!

Here's the correct address:

Wilderness Radio, P.O. Box 734, Los Altos, CA 94023-0734, U.S.A.

Phone: 415-494-3806

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Dale Hall <102603.30@compuserve.com>
Subject: [4705] DON'T CHANGE THE LIST!!!! and "What Fox Sked?"
Message-ID: <951024191429_102603.30_HHU51-1@CompuServe.COM>

Yep, I agree with Bill Northup. As a Digest reader I have a hard time making yesterday's Fox sked. :^) If possible, please list a day or more ahead.

WE DON'T NEED NO LIST CHANGE!

Leave the List alone. It's like having a QRP mag, only every day! I read what I want to read and leave the rest.

If my wanting to leave the List alone makes me a horse's UNOWHAT, then so be it! I have probably been called worse.

GO ahead and make any other lists you want. This is America, go for it!

de KB0WZ Dale

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: ruswhite@netwest.com (Russell W. White)
Subject: [4717] Don't Split List
Message-ID: <199510242310.QAA03117@saguaro.netwest.com>

Hello to all:

Here are my thoughts on the issue of splitting the list,

D O N ' T

When I get an amateur radio magazine, or, more to the point, one of the journals from the _____ QRP club (association, society, etc.) I expect it to cover all of the various aspects of QRP operations. I may not be interested in every article but I would rather have them all and choose for myself which I will read now and which I may read at a later time.

I realize that some threads seem to continue for a long time, but in reality, its probably only a few weeks.

I will use nail polish in the future.

I haven't been in any contests, but I do like to see what kind of gear and antennas are used.

To put it another way:

I have a radio so drop the radio articles.

I have an antenna so drop the antenna articles

I don't contest so drop the contest info.

I have a fox (well, really a dog) so drop the fox articles.

I'm not building so drop the construction articles.

and I'm not going to Dayton so drop that too (although, if you've got the money I'll make the time).

I hope that it seems ridiculous when I put it this way. QRP is amateur radio using low power, and if it relates to that then post it.

Thanks for listening

72 de AB7JX

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: K5ERJ@aol.com
Subject: [4716] Flash Sessions for AOL
Message-ID: <951024180827_77204677@mail02.mail.aol.com>

In a message dated 95-10-24 09:23:05 EDT, Bob V0(1DRB/WA6ERB wrote::

> If you get your mail via Compuserve,
>American Online etc you need to explore readers that download your mail
>automatically to your computer (CIS Autosig, Tapcis, etc.). Once you have
>mail off-line it is more pleasurable to use the BIG D key to delete what you
>want at YOUR lesiure.

For those on AMERICA ONLINE the only way to go is with Flash Sessions.
AOL signs you on, send your mail, collects what you have and signs you off.
Then.....you can read all the QRP goodies at your leisure, or delete at
will.

Running the 28.8 modem takes less than a minute to download up to 50 messages
and send all I have to send.

If you haven't tried the AOL flash session, check it out under "Mail" "Flash
Sessions" "Walk Me Through"

73

Ed K5ERJ (I thoroughly enjoy this list)

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "David F. Kurth" <dfk@col.hp.com>
Subject: [4697] I heard the fox
Message-ID: <199510241647.AA016603254@alien17.col.hp.com>

I'm a newbie at QRP, and a fairly new ham anyway. I've been lurking on
this list for quite some time now, but I think I should speak up
since a major event occurred last nite: I finally *heard* the fox!

I live in Colorado Springs, Colorado and have a 5 foot diameter copper
pipe tuned loop for 40M in the attic. It is set in an east/west direction,
and Paul is in New Mexico which of course is directly of the side of the
antenna. However, I heard him very strong and was very pleased I actually
managed to find him (the first fox I have heard).

Now that I found him, calling him seems hopeless. I found him around
0005, and after he signed with the each contact, there was chorus
of beeps coming back at him. How he ever picks out a single callsign,
I surely don't understand. This is probably the first time I've ever
heard a CW pile up. I only had about 30 minutes to try and call him
as dinner was waiting. When I came back at 0130, I listened around

7040 but never heard him.

I have one other comment. Is there some reason that most all the fox times are between 6pm and 8pm mountain time? I have to leave work early to get home by 6, and of course the family would rather see me at the dinner table than in the ham shack. My best "uninterruptable" time would be 11pm to midnight (I'm a night owl). I realize that east coast stations are probably laughing, but I think that some variance of operating times as well as days would give more people an opportunity to join in.

72 (Last nite was the first time I heard that in code - it threw me
each time I heard it too!)
Dave N0UVR CQC #135

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: meh@cbsms1.cb.att.com (m.e.hartwell)
Subject: [4728] Jim Lyons address
Message-ID: <9510241933.AA05378@emsr1.emsr.att.com>

Jim Lyons

I just realized I don't have your home address and my email to you seems to be going nowhere. How about resending mail to me and include you address for the money order.

Sorry for using extra bandwith but this seemed like the quickest way to get the information I needed.

Marty

>
>
>
> On Mon, 23 Oct 1995, Martin E Hartwell x2091 wrote:
>
> > Hi Jim
> >
> > How about if I send you a check or would you prefer a money order?
> >
> > Marty
> >
> A bankers cheque would be good or a money order ... either are easy to
> cash at a Canadian bank.

>
> Jim
>
>
>

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: dgf@netcom.com (David Feldman)
Subject: [4690] Max DC supply voltage NC40A
Message-ID: <199510241528.IAA02631@netcom14.netcom.com>

Will a NORCAL 40A survive a DC supply voltage of 18 volts? Has anyone tried finding the max limit, or are there any parts in the design that might be susceptible to failure at this level?

If there are diffs in the design, I'm referring to the NC40A that was sold by one of the club members rather than the wilderness product.

73 Dave WB0GAZ dgf@netcom.com

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Paul Harden <pharden@aoc.nrao.edu>
Subject: [4699] NA5N FOX Report
Message-ID: <199510241756.LAA29596@zia.aoc.nrao.edu>

OCTOBER 23rd FOX (appologies to Charles Dickens)

'Twas the nite of my birthday, I'm now 46,
And into the shack for my QRP fix.
Found a clear spot and sent out with a call,
Then said with a gasp, "Just listen to them all!"
>From Norman in Florida to Dave in St. Lou,
The calls kept coming for an hour or two.
Weak ones and loud ones and all in between,
Being the FOX was sure nifty keen.
I just don't know when I've had this much fun,
then a tear in my eye came when I pulled the plug.
My friends in the log book is a wonderful sight,
"Happy hunting" to all and to all a good nite.

And speaking of Log Books ...

7110 KHz (0000-0120 UTC)

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W00Q    MARTY    CO
WA6MOK   JAY      CO
WW7Y     STEVE    UT
KA5T     LARRY    TX
W3PM     GENE     AL
WA9PWP   PAUL     WIS
WA7FCU   BOB?     UT   (or ROB)
K5UP     GLEN     OK
AB7JX    RUSS     AZ
AA1IK    ERNIE    CA
K5ERJ    ED        KS
NF0R     DAVE     MO
AB5TZ    AL        TX
AE9K     BRIAN    WI
KK5NA    JOE       TX
AB5OU    TIM       NM
KC2DU    JOHN     NY
AB5QE    KEITH    NM
VA3TAR   TED       ONT
K2NF     NORM     FL
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TOTAL 7110 20

7045 KHz (0120-0200 UTC)

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AB5DG    JOHN     CA
AA0XZ    GREG     MO
WA5WHN   JAY      NM
KK5OX    DAVE     TX
AB7HI    STEVE    WA
KC4EWT   DAN       VA
VE5VA    PETE     SK
AB4EL    STEVE    NC
NZ4I     RANSON   VA
N6ULU    STAN     CA
N2MNN    STEVE    NJ
NQ7K     MIKE     AZ
KC1FB    JIM       CT
K2NF     NORM     FL
KC5EQC   DON       OK
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TOTAL 7045 15

TOTAL QSO'S = 35

Ran 5W with a modified MFJ-9040, playing with both the dipole and phased array to favor the east. My opinion of QRP has changed ... there is NO rhyme or reason who will be strong or who will be weak. Some of the eastward stations sported some very good signals. So if you haven't tried the fox yet, or much QRPing, try it. You never know what your signal is gonna sound like across the country until you try. Conditions on 7110 were pretty good until 0030 when some international broadcaster whumped us with some AM jungle music. I didn't QSY right away because those dern QRP calls kept coming thru anyway! Many of my QRZed's were followed by a flurry of activity; after working 5-6 stations, you wonder if you got 'em all before moving on. And boy are QRPers learning to zero beat. There were times where 3-4 stations couldn't have been more than 10 Hz apart. There was not one idle moment; I was busy for the entire duration. Could have gone another hour easy. A birthday I won't soon forget.

72, Paul NA5N

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995

From: Marshall Emm <75230.1405@compuserve.com>
Subject: [4702] OHR Group Purchase
Message-ID: <951024182421_75230.1405_HHB28-1@CompuServe.COM>

Colorado QRP Club
OHR Group Purchase Update

Just got off the phone with Dick, and thought I would bring you up-to-date on the CQC's group purchase arrangement.

First, the requirement for 10 kit orders has been met, and then some. The CQC order is open until November 30th, so if you missed the QRP-L deadline and are not a CQC member, don't despair. You can get membership info from CQC@aol.com and join us with plenty of time to spare, and the \$15 annual subs is well worth the money. Apart from joining The World's Most Dynamic QRP Club, you will still be ahead on most any OHR purchase if that is the only mercenary thought in your head [g].

Second, Dick says the Explorer II's are being finished up as we speak, and will ship within about 2 weeks. Orders for other kits and accessories should ship pretty much immediately.

73
Marshall, AA0XI

From qrp-l@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Adam O'Donnell" <adam@philadelphia.libertynet.org>
Subject: [4721] QRP Satellite Comm?
Message-ID: <199510250036.UAA13526@philadelphia.libertynet.org>

I am posting this message to both the Amsat list and the QRP list, since people on either list may have info for me.

Has anyone ever worked the birds on with low power? I mean, like 10w output on SSB and 5w on CW? It may be the best way to keep aging sats like AO-10 still functioning.

Has anyone worked the satellites with totally homebrewed equipment? And low power? Those people who have done that should be commended...

18r fer now

--
Adam O'Donnell, N3RCS

Amsat: N3RCS@AMSAT.ORG
Internet: ADAM@LIBERTYNET.ORG

"I want to know how God created this world. I am not interested in this or that phenomenon. I want to know His thoughts, the rest are details."

-- Albert Einstein

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Phillip Cleveland <71213.2741@compuserve.com>
Subject: [4715] QRP Yank Visiting G Land
Message-ID: <951024211040_71213.2741_GHL63-1@CompuServe.COM>

I'm going to be in London and Birmingham from Nov 1 -11 and would enjoy meeting any qrp folks whilst there. Please e-mail me directly.

.73

Grover WT6P
QRPARCI
NORCAL

E-mail from: Phillip Cleveland, 24-Oct-1995

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Richard Hieber" <SZ0026@daphne.rrze.uni-erlangen.de>
Subject: [4703] QRP+, the list
Message-ID: <362C67E556E@daphne.rrze.uni-erlangen.de>

Gang,

last weekend finally my QRP+ arrived. Everything works OK and I am highly satisfied, but now the quest for customisation begins. There are a couple of things that I want to change. First of all, I need to see the display in the dark. If I awake in the middle of the night, I'll find my way to the shack corner with no problem, but I don't want to have to switch the desk light on. Low current LEDs would be my favourites. I could switch six of them in series, with either a resistor or a FET as current limiter. Four of them would be for the LCD, two for the meter. Has anyone experimented with adding lights to the QRP+? My first experiment was holding a yellow LED close to LCD glass carrier

(from inside of the rig of course). Putting the LEDs on the sides seems more promising - on the top and bottom sides of the LCD display the contacts get in the way. But my little experiment wasn't quite successful as the light emitted from the diode apparently didn't enter the glass. Probably I should try LEDs with flat heads, and probably clear ones would be better than those with diffuse heads. But I couldn't find low current LEDs (2mA - that sounds good!) with flat heads. Can I flatten the heads myself, by filing them down?

The meter scale is impossible to read in a normal operating position when I look down on the rig. This is a very minor thing, but if I can open the meter up and put the scale a bit lower, I'll do it.

As I didn't have a straight key around, I was wanting for a PTT switch for tuning up. I might move the phones socket to the back and instead wire a PTT switch in.

I also noticed the resonance of the casing at a certain audio frequency. It helped greatly to put rubber rings between the casing and the speaker.

The electret microphone that I customized doesn't deliver enough punch. Peak envelope power is only two watts. I know the voltage output of dynamic types is even less, so I probably don't need to try them. I would like to install a (switchable) speech processor anyway, and I suppose they come with some amplification. Can anyone recommend a not too complicated and effective circuit? I like SSB operating as much as I like CW, so the effectiveness of this mode has some importance to me.

I will probably install an electret mike capsule right into the rig, most likely just above the LCD display. What for? Well, as a kind of emergency mike which will get disconnected once I plug a real mike in. I like to have things compact.

Like any operator, I'm not only ears, but fingers and eyes are important, too. I want the rig to look nice and have a solid, reliable feel. The casing of the QRP+ is sooo solid - you could drop it from an aeroplane. I would like to have *exactly* the same box for housing the 7Ah battery, the antenna tooner (Hi Nils!) and all the other gadgets that with careful construction might fit in: 2 amp power supply with charger, paddles (the Schurr paddles are beautiful but expensive), power and SWR meter, voltage display, UTC clock, ... ;)

I already have a camera bag with exactly the right size for this assembly. There is some additional storage room for antenna wire, feeder cable and the logbook. This is my dream portable station!

The first CW contact with this rig was to a guy in Lithuania close to a

place where I spent my holidays this summer. We had a short chat and I even remembered how to say Hello in Lithuanian! Purely by chance, the first SSB QSO partner was from Lithuania, too! It was a contest exchange, so I think I got a 59 report ;-)

Concerning the recent talk about splitting the list up, I can understand why this arises. It's not the famed net police at works (this accuse comes up all too readily), it's just because of the pure volume of the list. Fifty to one hundred mails a day is quite something to sift through. I enjoy doing this, and reading all the different experiences and opinions is a great inspirational source. Thank you all!

But if we could do something for those who don't have the time and the energy for the full load without cost to the rest of us, I'm all game. I imagine some additional subscription options at listserv@lehigh.edu could work. I don't know how automatic categorizing of the contributions could work - maybe by subject line indicators like FOX, DAYTON, WX ;-). My compliments go to Jim Eshleman who is constantly doing fantastic work behind the curtains.

72,

Richard

--

Richard Hieber, DL8MFQ/AA8CP
sz0026@daphne.rrze.uni-erlangen.de

From qrp-l@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Jim Kortge, NU8N" <jokortge@sun.lisp.com>
Subject: [4722] QRP-L
Message-ID: <9510250048.AA10516@sun>

I tend to stay from political/opinion discussions on the internet, since I have to spend way more time that I like doing it for a living. However, this list is more than fine the way it is. I'm not interested by everything that gets posted, but I am truly amazed at the depth of technical knowledge, communication skills, and diversity of opinion that exists within this group. I'd miss that diversity if the list changed into sub-lists, or something different from what it is currently. IMHO -- DON'T SCREW WITH IT!!

FLAME SUIT ON!!

72/73....Jim, NU8N

See, I even turn off the SIG occasionally!! :-)

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: George.Gingell@bbs.abs.net (George Gingell)
Subject: [4710] QRPP
Message-ID: <1995Oct24.155717.9795@abs.net>

Yea! It finally got here. I was starting to worry. I must say that it was worth the wait. I especially enjoyed the QRP FD Reports. Now I am really sorry for not sending mine in along with the Pix. I did something different this year. I put the New QRP + up on the dashboard, Gel-Cell on the floor on the passenger side, A Hamstick with a Triple-Mag Mount on the trunk and away we go. QRP MOBILE! I have been saying that I would like to do that for years now. I think I made about 30 QSOS on 80/40 Including working W1AW/QRP on both bands. The real reward came in QST this month. I ended up #23 out of 46 in Class 1C . I also noted that only 4 of us were QRP. Even better, look at 2C only 2 stations and the winner was QRP. I may have found a new niche in life. The issue of QRPP also has some interesting Technical articles and construction ideas. Here I send a Special Thanks to Jim Pepper, W6QIJ. I really like the Bi-directional power meter with the BAR Leds. I was going to try that with the "Stockton Wattmeter". Another of those Y.A.I. (Yet another ideas) that I never seem to find time to finish. QRP DX TU (C)1986 Danny Gingell, K3TKS@bbs.abs.net

--

George Gingell, user of the UniBoard System @ abs.net
E-Mail: George.Gingell@bbs.abs.net
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [4730] QRPP ARTICLE
Message-ID: <814586434.AA03995@hamlink.mn.org>

Hi gang,

Wow! neat article in the Sept QRPP by Ray, K4DHC on an all band rig. As typical of the best articles, I have nothing but questions. Hope you can help. First, what is an RDD104 IC? Some kind of osc IC or inverter perhaps? Anyone got any dope on the drift corrector ckt? I think I have it figured out, but what happens when you QSY up the band? Does this thing lock the VFO to the rock at some KHz interval? I once built something like this for another project,

but this seems to be a novel idea! Anyone have any of the Ham Radio magazine issues cited in the article? I'll pay for copies. See I told ya, nothing but questions. Thanks

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4729] QRPp ND/WV
Message-ID: <199510250508.FAA27576@chuck.dallas.sgi.com>

Gang,

Just got off the phone with Doug Hendricks, KI6DS, and it was my nickel for over an hour talking about Pacificon etc.

The NorCal newsletter, QRPp, is mailed to 48 states and 30 countries. Doug will give a free one year subscription to the FIRST person in each of the two states ND and WV on this list (subscriber to qrp-1, not just anyone that sees this after it has been sanitized and packetized over the air) who emails to him that they want it.

You must have a valid call and your address is in ND or WV and you remain there for at least six months to a year, this so nobody using a mailbox in podunk USA or a student outta state for n-years where n is large qualifies. This will make QRPp probably the first small newsletter to be mailed to all 50 states. Although QRPp can't be called small by most measurements.

Needing ND on 30M, I don't think we have any QRPers left in that state and only one in RI. :-)

So, those who are taking the digest may be too late.
Send email to Doug at his address at dh@deneb.csustan.edu

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Allen Jones <ajones@adsnet.com>
Subject: [4688] Question re: Full Wave Loops
Message-ID: <199510241531.KAA13543@alice.adsnet.com>

Received the current issue of Sprat yesterday and was scanning the contents when I came across the "Antennas - Anecdotes - Award column on page 32. There was a full wave loop design by G4VPF that was made from 300 ohm twin lead.

One conductor of the twin lead is broken at the midpoint of its length for the feedpoint. One side of lead is twisted 180 degrees and the ends connected together forming a Mobius loop and a resulting two turn full wave loop. The velocity factor of twin lead is about 80% so each side of the loop would be 20% shorter than when using a single turn loop. I'm located on an average city lot and the size reduction would be helpful. In a delta configuration it would reduce the length of a side by over nine feet making for a much better fit on my 55' wide lot.

G4VPF uses the antenna on 7, 10.1, 14, 21 and 28 MHz using a 4:1 balun and coax. I am puzzled though by the way the balun is used. He has the low impedance end of the balun connected to the loop and the high impedance end to the 50 ohm coax. He reports good results with this system however, I would think that a two turn FW loop would have an impedance of at least a few hundred ohms (400?) if cut for 7 MHz and used on that band.

Anyone out there have software capable of modeling an antenna of this type and calculating the impedance on the various bands? I was thinking of building one of these and feeding it with open wire but wonder if my tuner would be able to handle the range of impedances.

72/3 de Allen, K9DZE

=====
Allen Jones K9DZE ajones@adsnet.com
Michigan City, Indiana EN61nq
ARCI #8797 G-QRP #8812 NorCal #1061
SWOT #1368 SMIRK #5403
=====

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [4686] Quieting reed relays
Message-ID: <1878.814545687@safety.ics.uci.edu>

I got lots of responses, all of them suggested I turn off the linear amp relay that comes with the Ten Tec rigs. The OMNI VI indeed has such a relay, and it is turned off from the front panel (the way it always should have been!), but there is still a reed relay clicking away in there. I spoke very briefly and informally to a Ten Tec engineer who said the relay was on the lowpass board for some reason, and I will try to get with the schematic and see exactly what the heck it is doing there (or if I heard right). Anyone else play with an OMNI VI and think about this problem? (Well, it is a very minor annoyance, but one I would like to be without!)

72

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [4706] Quieting reed relays
Message-ID: <5058.814562490@safety.ics.uci.edu>

I talked to Ten Tec this morning. Short of replacing the relay with another circuit (which I may do later on...but there is not much room there ...) - they suggested that I encapsulate the reed relay in RTV or silicone cement. I suspect I could suspend the relay in the silicone and run stranded wires to the board (so as not to transmit the sound so well) and then just plop a blob on top to cover it up. If anyone is interested, I will let you know how that works. I don't mind the relay on principle, just want that little clicking to go away. Which is the best Silicone cement? Need I avoid getting it on anything nearby? (Ten Tec said that they used this method to quite a relay in one of their amplifiers and it worked fine.)

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Subject: [4731] RTV / silicone to silence relay
Message-ID: <13183.814607233@safety.ics.uci.edu>

Well, got LOTS of good advice on using silicone cement to silence a reed relay in the OMNI VI. I understand that the acid based (vinegar smell) cements will take out traces on boards and corrode anything nearby. I understand that ammonia based cements are OK.

I have read the label on mine, and it says ammonia based...and says it is great for copper and brass. I used a bit on one side of the relay to see if it does anything. The board will take time to get entirely out of there, I am not prepared to take the time and effort right now. The half I covered worked OK, but the noise is still there.

I suspect I really need to remove the board, put flexible wires in place of the tight mount, and cover it entirely. That will wait until it annoys me a lot more than it does now, hi hi.

Thanks to all who replied.

And, yes, I like the OMNI a lot. So far, I don't miss my Kenmore 940 too much (though it had some advantages) and I really don't miss the SB 200 I also traded in the deal. If there is interest, I can post my list of annoyances and advantages of the OMNI VI.

Clark
WA3JPG

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
Subject: [4692] solar car-battery charger?
Message-ID: <1995Oct24.114454-0400@[130.113.234.7]>

Hi,

Just saw in Canadian Tire sale-of-the-week a dash (car dash that is) mounted solar charging panel that plugs into the cigarette lighter. Its called "batterysave", and claims "up to 100ma per hour". Sale price of \$30. Its about a foot long x 5" wide.

Now I'm not too familiar with cost of solar to electricity converters, but was thinking it might be useful for portable rigs.

Good deal, anybody?

ObQRP Paul, NA5N was floating around 40M last night like an iceberg, 9/10 under the noise level. Followed him all over the ocean but didn't connect. Glen, VE3DNL leinwebe@mcmaster.ca

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [4719] splitting the list
Message-ID: <95102419490036@sescva.esc.edu>

Lets have a separate list to cover splitting the list. I like qrp-1 just the way it is.

Regards,
Peter N2KPY

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: rac@usa.net
Subject: [4734] stinking badges returns
Message-ID: <199510251144.FAA20610@mail.usa.net>

>Yes it really comes down to too much voltage or too much

>current BETWEEN two points in a circuit and/or device.

>I think Wayne wrote here about why can I hold a part and

>intentionally zap it and have it still work? (Hint is above.)

I had a nice chat with Bob Finch yesterday. Interesting fellow and quite well versed on the issue of static discharge.

When I posted my remarks on his comment about zapping a part and having it still work, I misunderstood his point. Bob was talking about holding a component while maybe walking around on carpet in low humidity, or some such situation, where you are likely to build up a charge and sooner or later discharge. As long as you are holding the component in your hand and the

discharge does not pass through the component, damage is not going to occur, latent or otherwise. He is correct about that. My mistake was in thinking that when Bob mentioned zaping the component, he was referring to actually drawing an arc or otherwise causing the static discharge to pass through the component which would most likely cause damage, latent or otherwise. Sorry Bob!

Well, anyway, it's been an interesting discussion. I guess what I've learned from this is that I may understand the technical issues OK but I don't always understand the communications process as well as I should. That's really something for someone who, as a ham radio operator, is engaged in communications :-)

-73- -Lee WA3FIY-

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: r.lawn@mail.utexas.edu (Richard Lawn)
Subject: [4687] Ten Tech 6mtr Xverter
Message-ID: <v01510109acb2beebfd4e@[128.83.47.20]>

Does anyone one have any experience with the Ten Tech 6mtr to 20mtr transverter kit?

Rick
WB0WAG

Rick Lawn, Associate Dean
College of Fine Arts
FAB 2.4
(512) 457-7021
FAX 471-5784

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Eugene S. Tehansky" <tehansky@atc.ameritel.net>
Subject: [4732] Why this return address?
Message-ID: <Pine.LNX.3.91.951025072557.24620A-100000@atc.ameritel.net>

Anybody got an idea what I am doing to cause my mail sent to the list (at

least on my server) to show that it was from "To: Multiple Recip....."
when everybody else gets their name. Possibly because most of my messages
start from a reply, not a cold start compose of a message?????????

de aa3av k

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: jps@kodak.com (John P. Spoonhower)
Subject: [4689] WTB grid-dip meter
Message-ID: <9510241526.AA11612@lumi.Kodak.COM>

Fellow qpr-1'ers

I am interested in obtaining a grid-dip meter to assist me
in the radio building arts. Any of you guys interested
in selling/trading a grid-dipper? Please do not reply to the
list.....netiquette, and all that.

72, John, kc2du

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Eugene S. Tehansky" <tehansky@atc.ameritel.net>
Subject: [4724] Re: 72 ohm coax.
Message-ID: <Pine.LNX.3.91.951024222459.17491A-1000000@atc.ameritel.net>

Peter,

Our club, SPARC (Southern Patuxent Amateur Radio Club) has hauled
tons of hardline and the stuff you describe from the local cable TV
provider. Forget that it is 72 ohm, just use it. The resulting swr
would be down in the noise relatively speaking. A larger problem is the
fact that the coax is aluminum. Mine had an aluminum shield, foil and
braid, although I think the center conductor was solid copper. We used
pl259's(?) without the adapter and just screwed them on tight, over the
folded back shield. That was the easiest. Also used no-ox, and other
applications used by electricians for aluminum wire hookups (and aluminum
antenna assembly). Also some guys bought some of that aluminum soldering
paste and squirted it into the holes on the PL's and heated it up to
melting. It all seemed to work.

The hardline was the best. We first worked with the 1/2 inch
variety. We found some copper water line compression fittings that would
allow us to adapt the cable to pl259 connectors (or was it 239's).
Basically the compression fitting fit over the solid aluminum shield
(black plastic cover cut back) and when tightened, it grabbed tightly on
the aluminum "pipe". I can't at the moment remember how we fit the "pl"
or "so" connector in but it worked. If details are needed I can

"remember them". The best option was the 3/4 inch hardline. Simply gouge out about 3/4 inch of the insulation foam. The center conductor is copper plated solid aluminum. A PL259 barrel connector slides right in, with the center conductor just sliding into the barrel center conductor like it was made to. A clamp around the aluminum, squeezing it on the barrel connector and shazam, a super low cost hardline connector. Hundred foot lengths of 3/4 hardline have been easy to get (up to maby 300 feet) and with no \$40.00 per connector charge, this is cheaper than RG-58 from radio shack, with almost no loss. I have a 160 meter dipole down in the swamp below the house on at least 400 feet of hardline, I couldn't find a cheaper solution, about 5 dollars total. And the SWR just doesn't matter.....

Our club also uses runs of this hardline on our repeater sites. Here we buy some inexpensive N type connectors. I consider these (about \$25.00 if I remember correctly) to expensive for home and hf use.

de aa3av Gene in Southern Maryland.

On Tue, 24 Oct 1995, PETER CALCANDY wrote:

> I have become the proud owner of 100 feet of 72 ohm coax.....
> I have enough of this stuff for my VHF antenna as well. Think I need a
> transform.... {no}
> Peter N2KPY
>

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
Subject: [4725] Re: 72 ohm coax.
Message-ID: <308d94d2.pandora@pandora.lugs.po.my>

On Tue, 24 Oct 1995 19:54:25 EDT, "PETER CALCANDY" <palcand@sescva.esc.edu> wrote:

> The same chap who gave it to me ran 400 feet of it to a yagi and made
> measurements on 10 meters and found virtually no loss of power.

Hi Pete,

I was just wondering if he made any measurements with the regular 50 ohm feed? Ya, know the RG8? It sure would be interesting to know if there is any difference in the loss. Also, what is the name of the cable?

Here's some stuff I saved a while back. Originally posted by WA2ISE.

COAX TABLE

Got out the Belden & Pasternack catalogs.

Far as I know, the RG numbers look random. Probably assigned by a clerk in the Pentagon during WW2. Below is a short table of the various coaxes and the more important characteristics.

#	impedence	attenuation per 100'		velocity	max voltage RMSkv
		@ 50MHz	@ 1GHz		
RG6U	75	1.5 dB	11 dB	78% (foam)	0.6kv
RG8U	52	1.2	9	66 (polyethylene)	5kv
RG8U	50	1.1		78 (foam)	0.6
RG8X	50		13.5		2.5
RG11U	75	1.3	9	66 (poly)	5
RG11U	75	1.0		78 (foam)	0.6
RG55B/U	53.5		16.5		1.9
RG58U	53	3.1	20	66 (poly)	1.9kv
RG58U	50	3.2		78 (foam)	0.2kv
RG59U	73	2.4	11.5	66 (poly)	2.3
RG62U	93	1.9	8.5	84 (air & poly)	0.7kv
RG59U	75	2.1		78 (foam)	0.3kv
RG71U	93	1.9	8.5	84 (air & poly)	0.7
RG108A/U	78		26.2		1.0
RG122U	50	4.5	29.2	66 (poly)	1.9
RG140U	75		13		2.3
RG141U	50	2.1	13	69 (teflon)	1.9
RG142U	50	2.7	13	69 "	1.9
RG178U	50	10.5	45	69 "	1.0
RG179U	75	8.5	25	69 "	1.2
RG180U	95	4.6	16.5	69 "	1.5
RG187U	75	8.5	25	69 "	1.2
RG188U	50	9.6	30	69 "	1.2
RG196U	50	10.5	45	69 "	1.2
RG303U	50	2.1	13	69 "	1.9
RG302U	75		13		2.3
RG316U	50	9.4	30	69 "	1.2
RG393U	50		7.5		5
RG400U	50		13		1.9
RG401U	50		7.5	(semi rigid)	3
RG402U	50		13	"	2.5
RG405U	50		22	"	2
RG174U	50	6.6	31	66 (poly)	1.5
RG210U	93		3.1		0.75
RG213U	50	1.6	9	66 "	5
RG214U	50	1.6	9	66 "	5
RG217U	50		5.8		7
RG218U	50		3.8		11Kv
RG219U	50		3.8		11

RG223U	50	3.1	16.5	66	"	1.9
RG225U	50		7.5			5
RG9U	51	1.6		66	"	5
ethernet	50	1.2		78	(foam)	0.6
22B/U	95 twisted pair	2.1		66	(poly)	?
twin lead	300	0.8	<-worse when wet!	80	(poly)	?
8281	75		9.2			2.9
9913	50		4.5			0.6
9914	50		6			0.6
8218	75		20			0.6

these are all the RG#'s I found. The attenuation curves generally follow a straight line when drawn on log-log graph paper. The slope is such that a coax with 2dB at 50Mhz will be 0.8 at 10Mhz. Most coaxes have about the same slope. So, one need only look at the same freq when comparing attenuations when selecting which coax you're gonna use from under the shack table (not strictly true, but close enough for "goverment" work! :-). Voltage ratings: note that foam dielectric cannot take as much voltage as solid dielectric.

72/73 de 9V1ZV Daniel

--

Daniel Wee | daniel@pandora.lugs.po.my
 9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

From qrp-l@lehigh.edu Wed Oct 25 14:45:00 1995
 From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>
 Subject: [4701] Re: Filter advice
 Message-ID: <308d1ff3.pandora@pandora.lugs.po.my>

Hi,

Just my 2 cents but these DSP thingies ain't all its made out to be. Especially if you work CW, and chances r your SCAF will work just fine in comparison. I not worked anything with the DSP (MFJ) that I could not without it. Where it comes in is on the digital modes and there is some noise reduction there. Wish I had know this before I forked out the money. Then I went and connected the power in reverse and now the MFJ just blinks. Need to get it repaired or sell it cheap. :-) (hint)

73 de 9V1ZV Daniel

--

Daniel Wee | daniel@pandora.lugs.po.my
 9V1ZV | daniel.wee@f516.n600.z6.fidonet.org

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: V\$BCIESLAK@china.qgraph.com
Subject: [4704] Re:Filter Advice
Message-ID: <01HWTk0INT7M00T0K3@hub.qgraph.com>

I have just the opposite experience than Dan had. I have often used mu timewave dsp 59+ to pull almost indiscernable signals out of the noise to have very comfortable QSO's. I have even copied the satellites on 10M without using any preamps jsut the DSP. Having spent years pulling signal that we 10 db under ths noise level the DSP was a pleasant surprise. They will improve your reception but don't expect CD quality sound or any miracles. Also there are DSP filters and DSP filters ;-). Having been at a demo that compared several I could really tell the difference.

Now you've heard from both ends of the spectrum. The decision is yours. ;-)

Just a note. I couldn't even hear the fox until I engaged the DSP filter.

Brian AE9K

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: N0oct@aol.com
Subject: [4733] Re: Max DC supply voltage NC40A
Message-ID: <951025080855_132382139@emout04.mail.aol.com>

In a message dated 95-10-24 11:55:00 EDT, you write:

>
>Will a NORCAL 40A survive a DC supply voltage of 18 volts? Has anyone
>tried finding the max limit, or are there any parts in the design that
>might be susceptible to failure at this level?
>
>

Not sure about the NC-40, but I run my NN1G 40-40 off of 15 V or so (two series 7.2V typewriter batteries) without any problem. Am curious to know what others have done, either intentionally or otherwise!

73, Jim N0OCT

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Peter Hardie <hardie@duke.usask.ca>
Subject: [4693] Re: Nabbed the FOX!
Message-ID: <Pine.OSF.3.91.951024094638.26660C-100000@duke.usask.ca>

On Tue, 24 Oct 1995, Norman E. Fink wrote:

> It took me almost the full two hours, but I finally did it. I nabbed the Fox!!
>
> In my pursuit, I listened to Paul come back to stations all over the
> country, and into Canada.
> Sure would be nice to know what kind of rigs these guys or gals are using.
> Norm, K2NF

FWIW. I saw a message on qrp-1 last night at about 0120Z which must have been posted by someone who had just worked the fox (sorry, I forget who it was). I decided to turn on the rig, heard the usual S7 power line noise and decided I didn't have a chance.

Then I heard the fox. Buried in the noise but readable.

So I wound the IC-735 down to a tad below 5W (I was sure my usual 0.95W wouldn't make it) and got him on the first try - probably helps to be a VE5. The antenna is a 40/80m inverted V at 40 feet with the ends draped along my fence. All of the 40m part is in the air but only just. Fed by RG8.

73 de Pete
ve5va.qrp@usask.ca (Saskatoon)

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "James C. Owen, III" <owen@apollo.eeel.nist.gov>
Subject: [4696] re: Need Toroid Core Help!
Message-ID: <45615.owen@apollo.eeel.nist.gov>

In message Tue, 24 Oct 1995 09:37:36 EDT,
"N100Q Tom R. @ MR01 24-Oct-1995 0922" <randolph@est.ENET.dec.com> writes:

> Something I'd like to see is a comprehensive substitution list for all the
> types of toroids and beads out there.
>
> I'd even attempt to write up a list if I knew where to get the technical
> info.
>
> -Tom R. N100Q randolph@est.enet.dec.com

>

Hi Tom,

Enclosed are some addresses you can write to for catalogs and some other excellent info on Inductors.

Goguen Industries, Inc
7856 Goguen Dr.
Liverpool, NY, 13090-2588
315-0652-5689 FAX 315-622-1040
ask for "Designer's Manual"

Micrometals
1190 N. Hawk Circle
Anaheim, CA 92807
1-800-356-5977
FAX 714-630-4562

Coilcraft
1102 Silver Lake Rd.
Cary, IL 60013
312 639-6400

Philips Components Discrete Products Div
(Ferroxcube)
2001 W. Blue Heron Blvd
Riviera Beach, FL 33404
407-881-3200

73 Jim K4CGY

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: cebik@UTKVX.UTCC.UTK.EDU
Subject: [4714] Re: QRP+, the list
Message-ID: <Pine.PMDF.3.91.951024164901.543276578B-1000000@utkvx.utk.edu>

Richard,

Some notes that might (or might not) be of interest to others:

1. Re: reading meter and emergency mike in the case. If the QRP+ sits on the table, you will have to put your face on the desk top to use the mike. Solve 2 problems at once: make a shelf of some kind on which to place the QRP+ so that you can read the meter and talk into case. Now a shelf might also allow you to use some independent lighting on the rig if the shelf has a top layer over the rig: place a small light--like they use to illuminate the insides of furniture cabinets--many can be shielded

on one side so the light does not shine in your eyes, but it will shine on the rig face enough to read the meter and LCD display. will not disturb others any more than a nightlight would. The space beneath the rig but over the desk/table can have other shelves for accessories--ATU, etc. Think ergonomically.

I'll bet the outfit that assembles QRP+s in EU might be able to get an unpunched case for you without the heavy duty duties--right from Index or its sources. They might even be interested in producing a batch of accessories in one case. Or even Index itself. Do not forget an OHR WM-1 style SWR/Wattmeter for those accessories. In fact, you might collect a master list of what folks want as accessories for the QRP+ to accumulate a "most-wanted" list. A fairly simple op-amp audio amp with output matched to the input of the QRP+ and variable gain would solve almost everyone's SSB problems--whether using an electret or dynamic mike--or even an audio mixer so that you could keep that emergency mike connected and in the accessory box. My own list of accessories includes an ATU and WM-1 wattmeter, plus CW makers (keys, keyers, keyboard). A memory keyer needs to go in that other box with the mike preamp, ATU, wattmeter, etc. The QRP+ keyer is fine, but a memory keyer saves the arm for all those exchanges, QRZs and CQs.

You can probably find a steel box about the QRP+ size. The density of the insides helps make the QRP+ so solid, so add a steel plate to the bottom of the accessory box and paint it to match the QRP+.

Some of these ideas are adaptable to other kinds of situations, so I hope no one gets the idea that this is absolutely QRP+ specific.

-73-
LB, W4RNL

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: "Ted Kell" <kell@mpac.jsc.nasa.gov>
Subject: [4694] re: Request for FOXs
Message-ID: <199510241615.MAA61562@nss2.CC.Lehigh.EDU>

I would like to second Bill's motion. I didn't see the Fox post for last night until Tuesday AM. I'll _never_ work him that way.

72

Ted

your I would like to make a request of you FOX's. Could you post
just schedule before they day thay you are on. As a digest reader I
found (tuesday) the schedule for last nights (monday) fox.
This time I don't think it mattered because if Bill (KC1GS)
didn't hear the fox I don't think I would have either.
Bill

--

Bill Northup	PHONE:	(508) 460-2085
Stratus Computer Inc.	INTERNET:	
northup@sw.stratus.com		
55 Fairbanks Boulevard	Amateur Radio:	N1QPR
Marlboro, MA 01752		QRP-NE #307
	NorCal #1027	

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [4695] Re: solar car-battery charger?
Message-ID: <199510241629.QAA26051@chuck.dallas.sgi.com>

Paul,

Thanks for the info on the charger. That is a good price
as it probably has all the protection built-in to keep
the battery from discharging into the panel when you park
in a garage, etc.

Watch the crowd start heading to auto stores now. :-)

Was it flexible? I remember seeing on this list that there is a similar
device, but flexible, for boat owners also. Probably waterproof
and I'd hope the one for the car is also just in case of spills, kids, etc.
And we all know that if you take a rig into the wilds it's gonna rain.
That is except for N6GA. I got his card yesterday for a 2xQRP NorCal40a
QSO. Now Cam is laying in a field of flowers eating on an apple
on a hillside overlooking the Alps in the background. Beautiful
card Cam. Cam was wearing his Izod and his 501's. :-) I know he
had Wayne's Sierra with him, but he sure wasn't hamming then. :-)

One side note: This group has some economic clout. Note the two group buys, one for QRP+ rigs and the OHR sale. I guess with 700 dweebs ^h^h^h uhuh QRPers, there's got to be some toys we are looking for. :-)

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [4708] Re: solar car-battery charger?
Message-ID: <Pine.SV4.3.91.951024153944.7802B-100000@atl1>

FYI.. I bought a 1 foot by 3 foot panel at the Huntsville hamfest for \$25 and it puts out 2 amps in high sunlight running into a 12 v storage battery. The fellow had several, but I do not have his name. Wish I did!

73/72/jim/w4qo

On Tue, 24 Oct 1995, Glen Leinweber wrote:

> Hi,
> Just saw in Canadian Tire sale-of-the-week a
> dash (car dash that is) mounted solar charging panel
> that plugs into the cigarette lighter. Its called
> "batterysave", and claims "up to 100ma per hour".
> Sale price of \$30. Its about a foot long x 5" wide.
> Now I'm not too familiar with cost of solar
> to electricity converters, but was thinking it
> might be useful for portable rigs.
>
> Good deal, anybody?
>
> ObQRP Paul, NA5N was floating around 40M last night
> like an iceberg, 9/10 under the noise level.
> Followed him all over the ocean but didn't connect.
> Glen, VE3DNL leinwebe@mcmaster.ca
>
>

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995

From: JEVERHART@cayman.vf.mmc.com
Subject: [4709] Re: Solar car-battery charger?
Message-ID: <951024161309.22000de2@carib.vf.mmc.com>

Glen, your solar battery charger is indeed a neat thing to do!

A couple of years ago, I got one locally. An ad(vert?) from a department store said they had a closeout on them for less than US \$20, but were sold out before I got there! Fortunately I found them at a hamfest for about \$20. I use a hard plastic audio cassette case with the guts removed for my portable solar power kit. I use either a 2.2 AH or 4 AH gel cell and the "license Plate" charger like the one you mentioned.

Also in the case is a voltage/current monitor and a three hole cigar lighter jack wired up to the battery and monitor. The monitor, by the way, was written up in a Joe's Quickie in QQ in Mike C's Information Exchange column.

Anyway the whole thing is about the size of a small attache case, and very convenient to take along for portable operation. I often leave it in the back of my car. The last several years this setup has powered my QRP FD rig.

72/73,

Joe E., N2CX

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: wwm@wa8tzg.mi.org (Bill Meahan)
Subject: [4723] Re: Solar car-battery charger?
Message-ID: <308d993c.wa8tzg@wa8tzg.mi.org>

JEVERHART@cayman.vf.mmc.com writes:

>Glen, your solar battery charger is indeed a neat thing to do!

>

[details deleted]

>72/73,

>

>Joe E., N2CX

>

>

Gee, just this afternoon I picked up a "DC Power Pack" (a 12V 6.5AH gelcell in a nice self-contained package with an integral "smart" charger and the inevitable "cigarette lighter" power connector) from Target for \$29.95. One of the available accessories from the company is

a solar recharger for the unit, price unspecified and not stocked at Target. However, as an incentive for sending in the registration card, the company (Innova Electronics) offers a "lifetime" 20% discount. I usually register things anyway, but I'll register this puppy for sure! The solar panel described on the box sounds something like the unit that kicked off this thread. More details when I get them.

BTW, not all Target stores carry the same power pack unit! The particular unit I got is made by Innova Electronics of Fountain Valley, CA and is labeled "Made in USA." Another Target store carried something called an "MVP Electronics" unit which, though physically smaller, only has a 4.5 AH capacity and is made in China. Looked pretty poorly made even from the outside. This smaller unit sells for the same \$29.95 as the Innova unit. Both units come with a cord made to be plugged into the cigarette lighter of your car for charging while you drive. However, the Target stores stocking the Innova unit also stocked an AC wall powered charger (for another \$14.99) that is itself a 1000 mA 12V unregulated supply. The stores with the MVP-brand unit did NOT carry any equivalent charger although the info on the box stated one was "available."

QRP portable, here I come!

--

Bill Meahan WA8TZG wmeahan@wa8tzg.mi.org
Member: ARRL, RACES, IMRA, NorCal QRP (#407), G-QRP (#8468), MI-QRP (#M1458)
Hey, this is my OWN computer! I can say what I want!
cat: a purr bearing mammal

From qrp-1@lehigh.edu Wed Oct 25 14:45:00 1995
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: [4735] Re: splitting the list
Message-ID: <01HWUKXNJA708Y4WQ6@ADMIN.Rose-Hulman.EDU>

(Flame suit STANDBY) ;-)

All of this "splitting the list" is giving me a splitting headache that is going to be in need of some serious QRO drugs. This is starting to sound worse than the USENET groups further subdividing to get certain traffic out of there!

Now I am beginning to wonder if we shouldn't have made this a newsgroup when we spent weeks arguing about that last year (or was it earlier this year?) I can guarantee that a call for votes to keep splitting this down if it were a newsgroup would never go anywhere. Just not enough interest to keep the subgroups active and happy. Oh well...

I enjoy this list. I get lots of very useful information from it. I also get lots of worthless BU****IT from it. That's just the way it goes!! Splitting it down will probably mean that I won't bother subscribing to the new lists even if I am interested just because of the hassle. I haven't bothered with the Dayton list because I figure that whenever everyone comes up with a major decision, they will feel that it is important enough to announce to this list. Watch and see... Then someone will have to make their comments here about that decision and look, we haven't really changed much of anything. IMHO (and I do mean humble), keep it together. I would rather wade through the worthless rock than miss a real gem!

(Flame suit ON) :-)

Now I feel better knowing that I have done my part to waste bandwidth in this ever widening discussion. ;-) I guess to have really done that right, I should have included full text+header quotes from every message before this. :-P

(Flame suit OFF, but standing by!)

72, David "Sorry, but I had to let off some steam" Moody, KD8NY

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